

Advanced Stem Cell Unit Overview



*Click on a lesson title below to view its outline*

Lesson Title	Matching Standards	Length	Requirements
Natural fertilization and <i>in vitro</i> fertilization create embryonic stem cells	HS-LS3-1	1-2 days	Internet, multiple computers, PowerPoint, projector, Play Doh
How does a stem cell "know" what to become?	HS-LS3-1 HS-LS1-3	1-2 days	Internet, multiple computers, projector
Stem cell differentiation and the cancer stem cell hypothesis	HS-LS1-4	1-2 days	Internet, projector, laminator
Tumors and their interactions with the Microenvironment	HS-LS1-4	1 day	Internet, multiple computers
Plenty of Planaria	HS-LS1-4	1-3 weeks	Varies; Planaria, petri dishes, other lab equipment

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